

ABSTRACT OF THE DISCLOSURE

The present invention relates to a gene delivery vehicle comprising a recombinant adenovirus having a tropism for a primary human chondrocyte. By efficiently transducing a nucleic acid of interest into a primary chondrocytes, the gene delivery vehicle is able to at least in part improve the counteraction of cartilage disease. In one embodiment the recombinant adenovirus comprises a deletion in the gene encoding for fiber protein, which is replaced by a nucleic acid sequence encoding at least part of a fiber protein of a B-type adenovirus.